

WHAT IS CLAIMED IS:

1. A film formation apparatus comprising:
an evaporation source having a longitudinal direction; and
a mechanism for moving the evaporation source in a direction perpendicular to the longitudinal direction of the evaporation source.
2. An apparatus according to claim 1, wherein the evaporation source is provided with an evaporation cell having a longitudinal direction.
3. An apparatus according to claim 1, wherein the evaporation source is provided with a plurality of evaporation cells.
4. A film formation apparatus comprising:
an evaporation source having a longitudinal direction;
a mechanism for moving the evaporation source in a direction perpendicular to the longitudinal direction of the evaporation source; and
an electromagnet formed over top of the mechanism.
5. An apparatus according to claim 4, wherein the evaporation source is provided with an evaporation cell having a longitudinal direction.
6. An apparatus according to claim 4, wherein the evaporation

source is provided with a plurality of evaporation cells.

7. A film formation apparatus comprising:

a load chamber;

a conveyor chamber connected to the load chamber; and

an evaporation chamber connected to the conveyor chamber,

wherein the evaporation chamber contains an evaporation source having a longitudinal direction, and a mechanism for moving the evaporation source in a direction perpendicular to the longitudinal direction of the evaporation source.

8. An apparatus according to claim 7, wherein the evaporation source is provided with an evaporation cell having a longitudinal direction.

9. An apparatus according to claim 7, wherein the evaporation source is provided with a plurality of evaporation cells.

10. A film formation apparatus comprising:

a load chamber;

a conveyor chamber connected to the load chamber; and

an evaporation chamber connected to the conveyor chamber,

wherein the evaporation chamber contains an evaporation source having a longitudinal direction, and a mechanism for moving the evaporation source in a direction perpendicular to the

longitudinal direction of the evaporation source, and an electromagnet formed over top of the mechanism.

11. An apparatus according to claim 10, wherein the evaporation source is provided with an evaporation cell having a longitudinal direction.

12. An apparatus according to claim 10, wherein the evaporation source is provided with a plurality of evaporation cells.

13. A film formation apparatus comprising:

a load chamber;

an unload chamber; and

an evaporation chamber,

wherein said load chamber and said unload chamber and said evaporation chamber are connected in series, and

wherein the evaporation chamber contains an evaporation source having a longitudinal direction, and a mechanism for moving the evaporation source in a direction perpendicular to the longitudinal direction of the evaporation source.

14. An apparatus according to claim 13, wherein the evaporation source is provided with an evaporation cell having a longitudinal direction.

15. An apparatus according to claim 13, wherein the evaporation source is provided with a plurality of evaporation cells.

[illegible]

wherein said load chamber and said unload chamber and
said evaporation chamber are connected in series, and

17. An apparatus according to claim 16, wherein the evaporation source is provided with an evaporation cell having a longitudinal direction.

19. A method of forming a thin film over a substrate while moving an evaporation source, having a longitudinal direction, in a direction perpendicular to the longitudinal direction of the evaporation source.

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